



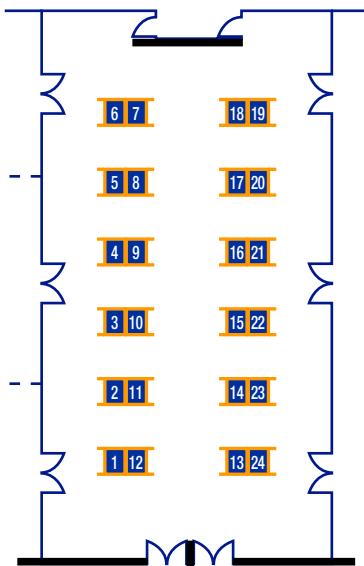
Second Annual Climate Change Research Conference

and

FIRST SCIENTIFIC CONFERENCE, WEST COAST GOVERNORS' GLOBAL WARMING INITIATIVE



Edgewater Ballroom F – Poster Session Room Layout



Poster Titles / Authors

1. Research Related to Climate Change in California Performed at the Institute for Research on Climate Change and Its Societal Impacts (IRCCSI)

Philip B. Duffy (LLNL, UC Merced), Govindasamy Bala (LLNL), Celine Bonfils (UC Merced), Qingyun Duan (LLNL), Ian Ferguson (UC Berkeley), Seran Gibbard (LLNL), Xu Liang (UC Berkeley), David Lobell (LLNL), Art Mirin (LLNL), Benjamin Santer (LLNL).

2. Modeling Climate Change Impacts on Biodiversity

Lee Hannah (Conservation International), Frank Davis (UC Santa Barbara), David Stoms (UC Santa Barbara), Jim Thorne (UC Davis).

3. Asian Sources Dominate the “Background” Aerosol Over North America

R. VanCuren (California Air Resources Board), S. Cliff (UC Davis), K. Perry (University of Utah).

4. Measurement Strategies for Advancing Understanding and Forecasting of Sierra Nevada Water Balance

Roger Bales (UC Merced), Thomas Meixner (University of Arizona), Norman Miller (LBNL), Thomas Harmon (UC Merced), Noah Molotch (University of Colorado), Jeff Dozier (UC Santa Barbara), John Warwick (Desert Research Institute), Dan Cayan (USGS and Scripps Institution of Oceanography), Kelly Redmond (Desert Research Institute), Martha Conklin (UC Merced).

5. The Warming of Lake Tahoe

Robert Coats (Hydroikos Ltd.), Joaquim Perez-Losada (Universitat de Girona, Girona, Spain), Geoffrey Schladow (UC Davis), Robert Richards (UC Davis), Charles Goldman (UC Davis).

6. Past Impacts and Future Scenarios of Climate on Ecosystem Carbon Balance for the Western United States

Christopher Potter (NASA Ames Research Center), Steven Klooster (CSU Monterey Bay), Vanessa Genovese (CSU Monterey Bay), Seth Hiatt (San Jose State University), Matthew Fladeland (NASA Ames Research Center).

7. Climate Change Impacts on California's Energy Security Planning

Steven Fernandez, Loren Toole, Sam Flaim (Los Alamos National Laboratory).

8. Monitoring Forest Carbon and Impacts of Climate Change with Forest Inventories, High-Resolution Satellite Images, and LIDAR

Patrick Gonzalez (The Nature Conservancy), Gregory P. Asner (Stanford University), John J. Battles (UC Berkeley), Michael A. Lefsky (Colorado State University).

Poster Titles / Authors

9. California Energy Balances Databases and the 2000 Energy Flow Chart

S. Murtishaw, L. Price, S. de la Rue du Can, E. Masanet, E. Worrell, and J. Satheye (LBNL).

10. Changes in Aggregate-Protected Carbon with Conservation Tillage and Cover Cropping

Jessica Veenstra, UC Davis.

11. Trends in Snowfall versus Rainfall for the Western United States, 1949–2004

Noah Knowles (U.S. Geological Survey), Michael D. Dettinger (Scripps Institution of Oceanography), Daniel R. Cayan (Scripps Institution of Oceanography).

12. Using a Super High Resolution Atmospheric Model to Simulate, Understand, and Predict Hydrologic Variability in Southern California

Alex Hall (UC Los Angeles), Sebastien Conil (UC Los Angeles).

13. Evaluation of IPCC Model Simulations for California Climate Change Research

Eugene Cordero (San Jose State University), Thomas Rickenbach (San Jose State University).

14. Evaluating Changes in Organic C and Emission of Greenhouse Gases in a California Agricultural Landscape

A.P. King, D.E. Rolston, J.W. Hopmans, C. Van Kessel, J. Six, K.T. Paw, R.E. Plant, T.C. Hsiao, R.M. Poch, G. Shaver, A.J. Ideris, J. Lee, A. Wolf, K.J. Evatt, D. Louiel, J.L. MacIntyre, and A.A. Matista (UC Davis).

15. Air-Sea Exchange and Ship Traffic – What Can Be Learned from Biogeochemical Monitoring at Bodega Bay?

Ian Falloona (UC Davis).

16. Estimating Best Practice Energy and Water Use and Carbon Emission Reduction Potentials for the Wine Industry using a New Tool Called BEST

Christina Galitsky (LBNL).

17. The Influence of Climate Change on Regional Air Quality in California

Allison L. Steiner (UC Berkeley), Shaheen Tonse (LBNL), Ronald Cohen (UC Berkeley), Allen Goldstein (UC Berkeley), Robert Harley (UC Berkeley).

18. The Role of Air Pollution in Decreasing Trends of Mountain Precipitation and Respective Water Resources

Daniel Rosenfeld (The Hebrew University of Jerusalem, Israel), Amir Givati (The Hebrew University of Jerusalem, Israel), William L. Woodley (Woodley Weather Consultants).

19. Developing Manure-DNDC: Building a Process Based Biogeochemical Tool for Quantifying NH₃, CH₄, and N₂O Emissions from California Dairies

William Salas (Applied Geosolutions, LLC), Changsheng Li (University of New Hampshire).

20. Application of Regional Climate Model Output to the Assessment of the Impacts of Climate Change in California

Mark A. Snyder, Lara M. Kueppers, Lisa C. Sloan, Erika S. Zavaleta, and Brian Fulfrost (UC Santa Cruz).

21. Relating the Δ¹⁴C Value of Annual Grasses to Spatially and Temporally Distributed Fossil Fuel Emissions in California

W.J. Riley (LBNL), J.T. Randerson (UC Irvine), M.L. Fischer (LBNL), D. Hsueh (UC Irvine), and J. Hatch (LBNL).

22. Climate Effects of Irrigation and Urbanization in California: A Regional Climate Modeling Study

Lara M. Kueppers, Mark A. Snyder, Sarah Bryant, and Lisa C. Sloan (UC Santa Cruz).

23. An Evaluation of State Renewable Portfolio Standards as Cost-Effective Climate Mitigation Policies

Cliff Chen (UC Berkeley).

24. The Wieslander Vegetation Type Map Digitization Project

James H. Thorne (UC Davis), Brian Morgan (UC Davis), Lee Hannah (Conservation International).